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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/994,211
Filing Date	November 26, 2001
First Named Inventor	Antonio Cosma
Group Art Unit	1641
Examiner Name	Le, Long V.
Attorney Docket Number	AP33639 068712.0102

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment / Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement
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<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
See attached |
|--|--|---|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	BakerBotts LLP 30 Rockefeller Plaza New York, NY 10112	Att Name: Lisa B. Kole PTO Reg: 35,225
Signature		
Date	October 20, 2003	

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Signature		Date October 20, 2003

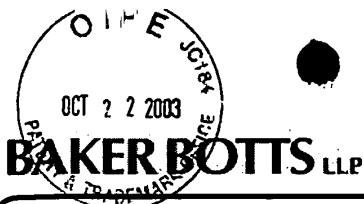
BAKER BOTTS LLP

Attorney Docket Number: AP33639 068712.0102

Title: HIGH THROUGHPUT DETERMINATION OF ANTIGEN EXPRESSION

Use Space Below for Additional Information:

Transmittal Form (2 sheets),
Fee Transmittal (1 sheet),
Information Disclosure Statement (3 sheets),
Form PTO-1449 (1 sheet),
copies of 9 documents,
International Search Report (3 sheets),
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FEE TRANSMITTAL for FY 2003		Complete if Known	
Effective 01/01/2003. Patent fees are subject to annual revision.		Application Number	09/994,211
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	November 26, 2001
		First Named Inventor	Antonio Cosma
		Examiner Name	Le, Long V.
		Art Unit	1641
TOTAL AMOUNT OF PAYMENT (\$)		Attorney Docket No.	AP33639 068712.0102

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 02-4377 Deposit Account Name: Baker Botts LLP		Large Entity Small Entity	
The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee required under 37CFR 1.16 and 1.17 <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		Fee Code Fee (\$)	
FEE CALCULATION		Fee Description	
1. BASIC FILING FEE		Fee Paid	
Large Entity Fee Code (\$)		Small Entity Fee Code (\$)	
1001 750		2001 375	
1002 330		2002 165	
1003 520		2003 260	
1004 750		2004 375	
1005 160		2005 80	
SUBTOTAL (1)		(\$)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		Fee from below	
Total Claims - 20 = 0		Fee Paid 0	
Independent Claims - 3 = 0		Fee Paid 0	
Multiple Dependent		Fee Paid	
Large Entity Fee Code (\$)		Small Entity Fee Code (\$)	
1202 18		2202 9	
1201 84		2201 42	
1203 280		2203 140	
1204 84		2204 42	
1205 18		2205 9	
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SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Lisa B. Kole	Registration No. (Attorney/Agent)	35,225
Signature	<i>Lisa B. Kole</i>	Telephone	202-408-2628
		Date	October 20, 2003



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Antonio Cosma
Serial No. : 09/994,211 Examiner : Le, Long V.
Filed : November 26, 2001 Group Art Unit : 1641
For : HIGH THROUGHPUT DETERMINATION OF ANTIGEN EXPRESSION

INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450

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Lisa B. Kole

Attorney Name

Signature

35,225

PTO Registration No.

October 20, 2003

Date of Signature

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56 and §1.97(c)(2), Applicant respectfully requests that the documents relating to the above-identified application listed herein in reverse chronological alphabetical order be considered and made of record in the U.S. Patent and Trademark Office.

1. Askari M et al., 2001, "Application of an antibody biochip for p53 detection and cancer diagnosis" *Biotechnol Prog.* 17(3):543-552;
2. Bashir R et al., 2001, "Adsorption of avidin on microfabricated surfaces for protein biochip applications" *Biotechnology and Bioengineering* 73(4):324-328;

3. Wu G et al., 2001, "Bioassay of prostate-specific antigen (PSA) using microcantilevers" *Nat Biotechnol.* 19(9):856-860;
4. Xiao Z et al., 2001, "Quantitation of serum prostate-specific membrane antigen by a novel protein biochip immunoassay discriminates benign from malignant prostate disease" *Cancer Res.* 61(16):6029-6033;
5. Cosma A, United States Patent No. 6,150,123 issued November 21, 2000;
6. Hardman N et al., United States Patent No. 6,072,035 issued June 6, 2000;
7. MacBeath G and Schreiber SL, 2000, "Printing proteins as microarrays for high-throughput function determination" *Science* 289:1760-1763;
8. Hoeffler et al., WO 99/40434 published August 12, 1999;
9. Kauvar LM, United States Patent No. 5,541,070 issued July 30, 1996;
10. *Short Protocols in Molecular Biology*, 1995, Ausubel et al., eds. John Wiley & Sons, New York, pp. 10-55 to 10-58;
11. *Short Protocols in Molecular Biology*, 1995, Ausubel et al., eds. John Wiley & Sons, New York, pp. 10-72 to 10-73;
12. Meier T et al., 1992, "Immunodetection of biotinylated lymphocyte-surface proteins by enhanced chemiluminescence: a nonradioactive method for cell-surface protein analysis" *Anal. Biochem.* 204:220-226; and
13. Nesbitt SA and Horton MA, 1992, "A nonradioactive biochemical characterization of membrane proteins using enhanced chemiluminescence" *Anal. Biochem.* 206:267-272.

The referenced citations are listed in the accompanying PTO Form 1449. Copies of the documents are submitted herewith in one bound volume.

Applicant also encloses herewith a copy of the International Search Report (at Tab 14) that was issued in connection with International Application No. PCT/EP01/14767 (WO 02/46757).

Identification of the documents listed in the attached PTO Form 1449 is not to be construed as an admission of Applicants or Attorneys for Applicants that such documents are available as "prior art" against the above-identified application.

No Office Action has been issued as indicated by the Patent Application Information Retrieval system (PAIR). Therefore, Applicants do not believe that any fees are due with this submission pursuant to 37 C.F.R. §1.97(b)(3). Nevertheless, the Commissioner is hereby authorized to charge any fees due with this submission not otherwise enclosed herewith to Deposit Account No. 02-4377. Please credit any overpayment of fees associated with this filing to the above-identified deposit account. A duplicate of this page is enclosed.

Respectfully submitted,



Lisa B. Kole
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Agent for Applicants

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October 20, 2003

Enclosures

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
AP33639 068712.0103

Serial No.
09/994,211

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant
Antonio Cosma

Filing Date
November 26, 2001

Group
1641

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U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
5.	6 1 5 0 1 2 3	11/21/2000	Antonio Cosma			
6.	6 0 7 2 0 3 5	06/06/2000	Norman Hardman et al.			
9.	5 5 4 1 0 7 0	07/30/1996	Lawrence Kauvar			

FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translator Yes No
8. WO 99/ 4 0 4 3 4	08/12/1999	WIPO			

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

1.	Askari M et al., 2001, "Application of an antibody biochip for p53 detection and cancer diagnosis" <i>Biotechnol Prog.</i> 17(3):543-552
2.	Bashir R et al., 2001, "Adsorption of avidin on microfabricated surfaces for protein biochip applications" <i>Biotechnology and Bioengineering</i> 73(4):324-328
3.	Wu G et al., 2001, "Bioassay of prostate-specific antigen (PSA) using microcantilevers" <i>Nat Biotechnol.</i> 19(9):856-860
4.	Xiao Z et al., 2001, "Quantitation of serum prostate-specific membrane antigen by a novel protein biochip immunoassay discriminates benign from malignant prostate disease" <i>Cancer Res.</i> 61(16):6029-6033
7.	MacBeath G and Schreiber SL, 2000, "Printing proteins as microarrays for high-throughput function determination" <i>Science</i> 289:1760-176
10.	<i>Short Protocols in Molecular Biology</i> , 1995, Ausubel et al., eds. John Wiley & Sons, New York, pp. 10-55 to 10-58
11.	<i>Short Protocols in Molecular Biology</i> , 1995, Ausubel et al., eds. John Wiley & Sons, New York, pp. 10-72 to 10-73
12.	Meier T et al., 1992, "Immunodetection of biotinylated lymphocyte-surface proteins by enhanced chemiluminescence: a nonradioactive method for cell-surface protein analysis" <i>Anal. Biochem.</i> 204:220-226
13.	Nesbitt SA and Horton MA, 1992, "A nonradioactive biochemical characterization of membrane proteins using enhanced chemiluminescence" <i>Anal. Biochem.</i> 206:267-272

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.